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OXC 5492  
COPY 1017

21 AUG 1963

MEMORANDUM FOR: Deputy for Technology, OSA

SUBJECT: INS "Destination Select Switch" Position

1. A recent study has been completed to determine the optimum number of INS "Destination Select Switch" positions that would be required on a typical OXCART operational mission involving three serial refuelings. The total number of positions required would be forty (40) based on the following considerations:

a. Each refueling will require three positions (start descent point, ARCP and end refueling point).

b. All turning points will require position inputs.

c. Target flight lines and control points will require position inputs.

d. Allowance for two or three check point inputs for each major leg of the mission. This will provide for selectivity in the event weather obscured check points.

e. Emergency airfields selected on the basis of one available within 300 miles of the A-12 at all times where possible.

2. It is requested that your office, on a priority basis, arrange for engineering proposals which will provide for an INS "Destination Select Switch" capability of approximately forty (40) positions. This office is prepared to discuss further details of this requirement at your earliest convenience.

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Deputy for Field Activities, OSA

CONCUR:

15/  
JACK C. LEDFORD  
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Assistant Director

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Highly desirable!  
Is this possible?  
What ramifications?

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